

Substitute for form 1449A/PTO

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

OCT 31 2000 (Use as many sheets as necessary)

Sheet 2

of 2

Application Number

Filing Date

First Named Inventor

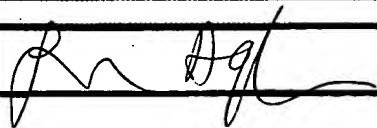
Group Art Unit

Examiner Name

Attorney Docket Number

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
FA	AI	DUEL-HALLEN, "A Family of Multiuser Decision-Feedback Detectors for Asynchronous Code-Division Multiple-Access Channels", <u>IEEE Transactions on Communications</u> , (1995), vol. 43, No. 2/3/4, pp. 421-434	
FA	AJ	KLEIN et al., "Zero Forcing and Minimum Mean-Square-Error Equalization for Multiuser Detection in Code-Division Multiple-Access Channels", <u>IEEE Transactions on Communications</u> , (1996), vol. 45, No. 2, pp. 276-287	
PA	AK	GIALLORENZI et al., "Decision Feedback Multiuser Receivers for Asynchronous CDMA Systems", (1993), pp. 1677-1682	
FA	AL	DIVSALAR et al., "Improved CDMA Performance Using Parallel Interference Cancellation", <u>IEEE Transactions on Communications</u> , (1994), pp. 911-917.	
FA	AM	DUEL-HALLEN, "Decorrelating Decision feedback Multiuser Detector for Synchronous Code-Division Multiple-Access Channel	
FA	AN	MOSHAHI, "Multi-User Detection for DS-CDMA Communications", <u>IEEE Communications Magazine</u> , (1996), pp. 124-136	
PA	AO	LUPAS et al., "Linear Multiuser Detectors for Synchronous Code-Division Multiple-Access Channels", <u>IEEE Transactions on Communications</u> , (1989), vol. 35, No. 1, pp. 123-136	
FA	AP	VERDU, "Minimum Probability of Error for Asynchronous Gaussian Multiple-Access Channels", <u>IEEE Transactions on Communications</u> , (1986), vol. IT-32, No. 1, pp. 85-89	
FA	AQ	GOLUB et al., "Matrix Computations", <u>Johns Hopkins Series in Mathematical Sciences</u> , (1996), pp. 222-229	
FA	AR	Presentation: "CDMA-Multiuser Detection", By Jacob Sheinvald (2000)	
FA	AS	SHEINVALD et al., "Improving CDMA Multi-user Detection by Constraining the Soft Decisions", <u>IBM Research Lab</u> , (2000), pp. 1-22	

Examiner  
Signature

Date  
Considered

12/23/2000

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sheet	1
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of 2

<b>Application Number</b>	09/917,837
<b>Filing Date</b>	July 31, 2001
<b>First Named Inventor</b>	KARNIN et al.
<b>Group Art Unit</b>	2681
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	KARNIN=1

[illegible][illegible]

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12/23 12004

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